

GFC Meeting

New Policy on English Language Proficiency; Changes in Medicine's Admission Regulations

At General Faculties Council's first meeting (22 September) of this academic year, two motions caused considerable debate: the proposed new policy on English language proficiency; and a proposal for changes to the Faculty of Medicine's admission regulations.

English Language Proficiency

The objective in taking another

look at the policy on English language proficiency had been to make it easier to deal with, said Elizabeth Richards (Home Economics), past chairman of the GFC committee on Admissions and Transfer. Previously, proficiency in English could be demonstrated in a number of ways. It was proposed that this no longer be possible.

The change now recommended was that applicants whose mother tongue is "determined by the

Registrar's Office to be other than English must write the Test of English as a Foreign Language (TOEFL), and attain a total score of 580, with a score of not less than 50 in each of the three component scores."

Before the policy was approved, a very lengthy discussion demonstrated the concern of GFC members over how "mother tongue" might be defined and how this might affect the over-cautious

applicant; and whether lowering the TOEFL score to 580 (from 600) might "jeopardize English language proficiency."

"We are not trying to 'screen out' students," Registrar Brian Silzer explained. "We are trying to ensure that students we bring from afar do have a chance of succeeding. It is in the best interests of people educated in non-English-speaking environments to know that they will be required to write the TOEFL. And then we will listen carefully to students who have a case to make." It was also pointed out that the Registrar "has the authority to make any and all exceptions that he deems just."

As for lowering the TOEFL score, at present only 14 percent of students writing the TOEFL do better than 580, and the majority of Canadian universities accept a score lower than 600. Lowering the mark opens up the possibility of admission to only a further 5 per cent of the applicant pool.

Faculty of Medicine: Admission Changes

In presenting the proposal for changes in the admission regulations to the Faculty of Medicine, Adrian Jones (Associate Dean, Faculty Affairs), said these changes were intended to "broaden the type of students who come into Medicine to include students who might not have a purely science background."

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FOLIO

University of Alberta

2 October 1986

Library Expands Computerized Catalogue

One of the the largest, most sophisticated on-line catalogues in North America was introduced into the University Library system on 22 September. This expanded version of the on-line system, in development since 1984, will enable staff and students using the 100 library terminals to access more than 750,000 titles acquired since 1974 (more than half the Library's holdings).

Having the Library holdings consolidated in the on-line and card catalogues means that users will no longer need to check the microfiche catalogue (it will be retained only as an emergency backup). The on-line catalogue will be updated continually and expanded further as records of older materials are gradually transferred from the card catalogue. The on-line catalogue will not be here however. The telecommunications unit of Computing Services is currently developing facilities to place the on-line catalogue on the local area network, making it available to terminals and personal computers on campus or off, on a dial-up basis. The next phase will be to

integrate a circulation system into the catalogue to replace obsolete punchcard equipment which is no longer supported by the manufacturer. This would allow users to check the availability of each book at the terminal without going to the shelf.

In addition to providing new means of remote access, the expanded on-line system introduces much more powerful searching abilities by specific key words from title or subject, as well as broad subject terms. Users of the original on-line system will also notice improvements that streamline the search procedure and simplify screen displays.

The system will respond to a wide range of user demands, from simple searches by author to complex manipulation of concepts using Boolean logic. For the faint of heart, the Library is offering regular drop-in instruction sessions through the fall term. Explanatory notes are also provided in the on-line catalogue itself by pressing a HELP key on the terminal. Leaflets outlining the use of the catalogue are available at Library information desks.

Eventually the on-line catalogue will become an integrated system capable of monitoring every facet of collections from the initial book order to circulation and interlibrary lending. Besides providing users with a single more powerful catalogue, it will give the Library the tools for more sophisticated analysis of the composition and use patterns of our collection. The Library's ability to share its collections' data electronically has also made it a major participant in one of the largest bibliographic databases in the world, UTLAS, Inc., operated by International Thomson Ltd.

Many people have been involved in creating the on-line catalogue. Library staff have been busy for more than a year tailoring the DOBIS/LIBIS system, developed by IBM in Europe, to the needs of the University. The system runs on the OAS computer, where it is one of the largest applications. It will soon be a popular part of the local area network thanks to the efforts of telecommunications. The result of this cooperation is an on-line Library facility of which the University can be proud. □

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Proposed academic requirements have been streamlined to state that "all students considering Medicine must register in a degree program and maintain good standing in that program." In addition, six subjects are specified as prerequisites and several others are not. The grade point average for admission is raised to at least 7.0 in the previous years of full-time university study.

Major discussion centred on Dr. Jones's wish to delete from the proposal as presented, the statement: "It is recommended that students in the Faculty of Science at the University of Alberta who wish to be considered for early admission to the Faculty of Medicine be enrolled in an honors program."

Ron Bercov, Acting Dean, Science, made an impassioned plea to retain this statement on the grounds that to do otherwise puts the Faculty of Science in an invidious position as regards advising students on the program to follow that is most likely to gain them admission to Medicine. Dr. Jones's concern, however, was for the 80 percent of students who

apply to Medicine and do not get in—but who have taken a great many courses simply for Medicine, and then find they have led nowhere. Dr. Bercov felt that this fear was groundless, as the Faculty of Science has agreed that students who spend two years in an honors pattern can go into a non-honors pattern. Arguments for deleting the honors program recommendation also concerned the difficulties of weighting the differences between honors and non-honors programs.

When put to the vote, however, the much debated recommendation was retained in the proposal, which was then approved.

Exemption from WCT

Approval was also given to a proposal from the Academic Development Committee that "a mark of 80 per cent or better on the Alberta Grade XII Diploma Examination in English 30 be used to exempt students from the Writing Competence Test (WCT)."

This policy is implemented as of 22 September.

Mature students, and students from out of province, will continue to write the WTC. □

Beechey Island Ill-Suited to X-Ray Clinic But . . .

For five years now, Owen Beattie's research into the deaths of the officers and men of the 1846 Franklin Expedition has centred on dietary and stress-related causes, including possible lead-poisoning from defective canned goods and how—or if—the men had learned to live off the local Inuit diet.

X-ray images of the expedition's victims would have provided much valuable information, but how do you X-ray a body on an uninhabited Arctic island?

Derek Notman is a medical doctor, a skilled radiologist and a scientist profoundly interested in applying modern technology to historical problems. His undergraduate work in physical anthropology involved him in fossil hominid research in South Africa. The two men met for the first time after Minnesota-based Dr. Notman delivered a paper on CAT-scanning a mummy. "We hit it off, right from the start," says Dr. Beattie.

An 11-person team headed by Dr. Beattie and including Dr. Notman, his Park Nicollet Medical Center colleague Larry Anderson and

University of Alberta pathologist Roger Amy spent a month this past summer on Beechey Island, the tiny mass of gravel and permafrost close to Resolute Bay where the first three Franklin dead were buried almost a century and a half ago.

Melting snow for water was a major daily chore. To process the X-ray film alone took 50 gallons—"virtually a day's work by itself," says Larry Anderson, of a project whose darkroom was a tent, set up at a season and latitude where daylight lasted 24 hours.

"It was our first experience of the Arctic," says Dr. Notman, currently a doctoral candidate in palaeoradiology at the University of Minnesota. But he considers that X-ray clinic "on a tiny piece of gravel 900 nautical miles from the North Pole" his greatest professional challenge to date.

Dr. Beattie is the first to admit that his work may not ultimately "solve" why such a well-equipped Arctic expedition as Sir John Franklin's perished in its entirety. "The bottom line," says the anthropologist, "is greater appreciation of our ancestors."

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University
of
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Notices of coming events: 9 a.m. three weeks in advance of desired publication date.

Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission. **Display advertisements:** 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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Jean Forest Installed in Chair of St. Stephen's Senate

Former Chancellor Jean Forest was installed as Chair of the St. Stephen's College Senate at the College's convocation ceremonies on 24 September.

Mrs. Forest has been extremely active in University and community affairs for a number of years and is no stranger to the responsibilities associated with being a chairperson. In addition to leading the University Senate, she has served as chair of the Edmonton Catholic School Board. Mrs. Forest is a former member of the Alberta Human Rights Commission and sits on the Canadian Bishop's Committee on the Role of Women in the Church.

The College also awarded an honorary Doctor of Divinity degree to Ellen Bruce, a Loucheaux-speaking native from Old Crow, Yukon. She is the daughter of Reverend Joseph Kykevickik who served the community for nearly 60 years.

Mrs. Bruce was recently ordained as Deacon in the Anglican church and is believed to be the first Indian woman ordained by the

church in Canada. A septuagenarian, she serves in the team ministry in Old Crow and is recognized as a "holy woman", in the ancient and modern sense of the term, by the people of the North. Fluent in Loucheaux and English, Mrs. Bruce has no formal schooling and lives her life in the traditional lifestyle of the hunter-gatherer society. □

Introducing OPA's New Writer

David May, a writer with 18 years' experience in magazines, newspapers, radio and television, joined the Office of Public Affairs in mid-September.

For the past five years, Mr. May has run his own freelance writing and editing business in Edmonton. He has also worked on newspapers in Southern Alberta and B.C. since arriving in Western Canada in 1970.

Mr. May is a graduate of the University of Edinburgh. □

Andrew Stewart Scholars Honored

The Andrew Stewart Graduate Prize is special. Alone among graduate scholarships, it is awarded in direct recognition of excellence in research at the PhD level, and in acclamation of outstanding accomplishment and potential in pursuit of new knowledge.

The originator of the Prize, Dr. Andrew Stewart, joined the University of Alberta in 1935. At that time, the student body numbered 1,500. Dr. Stewart went on to serve as President of the University (he was appointed by the provincial government; the operating budget was \$8,000) from 1950 to 1959. During this period, the Faculty of Graduate Studies and Research was created.

Dr. Stewart and his wife, Jesse, came from Victoria to attend the 11 September reception and dinner in honor of the recipients. Two of their sons and their wives were also present. It was, in fact, very much a familial affair because F.S. Chia, Dean of Graduate Studies and Research, and Ron Chilibeck, Director of Student Awards, had invited guests and their spouse or guest, and the supervisor of each student. (Unfortunately, 10 of the 20 recipients had left some time ago for teaching and research positions at other institutions but the Stewarts performed heroic feats of mingling just the same. Future dinners will likely be held in May or June.)

Before presenting the certificates, Stephen Arnold, Associate Dean (Research) of Graduate Studies, related how he mentioned to Mrs. Stewart that he was teaching a seminar on African drama this term. She promptly told him about the books she possesses on the subject and a loan has been arranged.

The Andrew Stewart Scholars are Joseph Adam, Lee Arnold, Peter Crocker, Barton Finlay, Marnie Giesbrecht-Segger, Robert Gosselin, Sarah Harasym, Simone Helluy, Ian Humphreys, Keith Kosar, Philip Kreisel, Corrine Lobe, Tracy Marchant, Giampaolo Moraglia, George Nason, Arokia Nathan, Salwa Shafik-Ghaly, Niall Shanks, Annegret Wiemer, and Zhuocheng Yang.

Adam, who studied in his native Netherlands before beginning his program at our University in 1983, has as his thesis topic "Rate of visual information processing and the control of aimed movement."

Arnold came here from the University of Waterloo. His thesis topic is "Synthesis of Antimicrobial Amino Acid."

Crocker, born in New Westminster, started his PhD program four years ago. His thesis topic is "The Effects of Two Stress Management Programs on Anxiety, Self-Efficacy, Cognition, and Performance in Elite Youth Volleyball Players."

A native Edmontonian, Finlay took his undergraduate degree here before starting his PhD program in 1981. He has studied biochemistry, specifically "Allele Specificity of Transfer Genes from F-like Plasmid."

Giesbrecht-Segger earned her BMus in 1975 and then studied for two years at the Mozarteum in Salzburg, Austria. She received the degree MMus from the Eastman School of Music in Rochester, New York, and began her doctoral studies ("Organ Performance") at our University in 1982.

Gosselin was born in Montreal and studied at McGill University. His thesis topic is "Atomic Lifetimes Using the Beam-Laser Technique."

In the English Department, Harasym, a graduate of the University of New Brunswick and Queen's University, has devoted herself to the topic "(Con)figurations of the M(other)-tongue."

Helluy is from Saint-Mande, Val-de-Marne, France. She came to the University of Alberta in 1982 as an exchange student, and was admitted to a PhD program the following year. Her thesis topic is "Biogenic Amines and Behavioral Modulation of Hosts by Parasites."

Humphreys, from Liverpool, came to Canada in 1979 with an Honors degree in Sport Science from Liverpool Polytechnic. His thesis topic is "Resource Theory and the Control of Aimed Movements."

Kosar was born in Vancouver. He received his MSc from this University in 1983 before starting a PhD program. His research relates to "Geotechnical Behavior of Oil

Update: Academic Staff Promotions

The following academic staff promotions, effective 1 July 1986, were omitted from the information supplied to *Folio* and published on 11 September:

Faculty of Arts, D.L. Cantine (Art and Design), Professor.

Faculty of Science, G.P. Finley (Psychology), Faculty Service Officer III. □

Sands at High Pressure and Temperature."

"Psychology of Sport" is Kreisel's thesis topic. He was born in Edmonton and holds undergraduate degrees in Arts and Education as well as an MA in Physical Education.

Lobe began her PhD program in 1982. The Edmontonian's research has revolved around "Molecular Biology of T Cell Differentiation."

Marchant was born in Cartwright, Manitoba, and received a BSc from Brandon University in 1981. Her thesis topic is "Hypothalamic Regulation of Growth Hormone Secretion in the Goldfish."

Moraglia, noted his supervisor, Terry Caelli, couldn't speak one word of English nor program a computer when he came to our University in 1979 after completing his undergraduate degree at the University of Milan. Undaunted, he earned an MA in 1983 and an MSc in 1984 before beginning a PhD program based on "Visual Perception."

Vancouver-born Nason has studied in the Department of Soil Science for the past five years. His research involves "Nitrogen Cycling in a Douglas-fir Ecosystem."

Nathan, born in Penang, Malaysia, received a BSc (Honors) degree from Leeds Polytechnic before coming to Canada. Under Henry Baltes, he has studied "CMOS Lateral Magnetotransistors."

"Shafik-Ghaly has been a little slow completing her thesis

BofG/NASA Settlement: Correction

Personnel Services has amended the information on this Agreement, provided to *Folio*, 18 September.

Under "Back Pay Adjustments", the second paragraph should now read, "Employees who separated from employment between 1 April 1986 and 31 August 1986 are required to apply in writing for the retroactive adjustment." □

("Comedy in Mediaeval Romance") ... she's writing it with a quill pen," kidded Dr. Arnold. Born in Cairo, Shafik-Ghaly began her PhD program in 1982 after completing her undergraduate degree at the American University in Cairo in the same year.

Shanks is from Chester, England, by way of the Universities of Leeds and Liverpool. His thesis topic is "Philosophical Implications of Bell's Theorem."

Wiemer was born in Hamburg, Germany, and studied at her hometown university. She has been at our University since 1982, concentrating on "Feminist Science Fiction Utopias of the 19th and 20th Centuries."

A graduate of Heilongjiang University (BSc 1982), Yang moved to Edmonton a year later to study mathematics. His thesis topic is "Some Combinatorial and Topological Properties of Amenable Semigroups."

The Andrew Stewart Graduate Prizes, initiated in the fall of 1985 by President Horowitz, have been established as "the award our doctoral students will aspire to." □

Writing Competence Petitions

Notice to students who have not met the University's writing competence requirements and whose deadline for meeting those requirements occurs on or before November 1986 or January 1987: If you plan to enroll in the second term of Winter Session 1986-87 or any subsequent term and you have not yet passed the writing competence test, you may petition the GFC Writing Competence Petition Committee for permission to continue your registration.

Registrations of students who do not successfully petition or pass the writing competence test will be cancelled prior to the start of classes.

Advice on preparing and submitting petitions can be sought from the Student Ombudsmen, 272 Students' Union Building, or the Student Adviser in the Office of the Dean of Student Services, 300 Athabasca Hall. The regulations and procedures used by the GFC Writing Competence Petition Committee are available in either of these offices. Hearings will be held from 25 to 28 November. The deadline for submitting petitions is Thursday, 13 November 1986.

Five Athletes Bolster Wall of Fame

In the marathon, runners tend to "hit the wall." In Golden Bear and Panda circles, the quality athletes (and builders) go on the Wall. The latter is preferable. Look what they get:

- **Immortality.** Their photographs and biographical sketches are on permanent display in a high traffic area in the Van Vliet Centre.

- **Acknowledgement.** The names of the inductees are announced at the gala Sports Wall of Fame Dinner at the Westin Hotel.

- **Applause.** Highlights of their careers and their thoughts on said careers are screened and they are introduced to Edmonton's sports fraternity, the Honorary Chairman (Premier Getty couldn't be present; Manpower Minister Rick Orman subbed for him) and Vice-Chairmen and Chancellor Tevie Miller and President Myer Horowitz.

At the Second Annual Sports Wall of Fame Dinner on 18 September, Gladys (Fry) Douglas, Helen Eckert, Willie Littlechild, Don Macintosh, and A.P. (Pal) Power were named by Department of Athletics Chairman Bob Steadward as the latest inductees.

The Wall of Fame now has 17 residents.

Fry studied Household Economics at our University from 1926 to 1930. Proficient in basketball and track, she twice won the Bakewell Trophy as the woman earning the highest number of

points in intercollegiate competition. Fry was a player in good standing (10.4 points per game average) on the Edmonton Grads basketball team from 1927 to 1936. She took part in demonstration games at the 1928, 1932 and 1936 Olympic Games, competitions that helped persuade officials to add women's basketball to the Olympic program following World War Two.

In 1983, Fry was inducted into the Canadian Basketball Hall of Fame. She also occupies a place of honor in the Canadian Hall of Fame and the Alberta Sports Hall of Fame, respectively.

Helen Eckert starred in basketball, swimming, volleyball and fencing, versatility that drew a few aahhs from the area where current Bear and Panda athletes viewed the proceedings.

She too won the Bakewell Trophy (1949) as well as the Lord Strathcona Trust Medal for Physical Training. The following year, Eckert achieved the First Class Standing for high scholarship, all the while competing on behalf of three interspersed teams.

She travelled to the Wall of Fame Dinner from the University of California at Berkeley where she is Dr. Helen Eckert, teacher, researcher and writer in the areas of physical growth and motor development.

During his undergraduate days in the mid-1960s, Willie Littlechild was a member of the varsity hockey and diving teams. He also served as Vice-President of the Men's Athletic Association and Vice-President of the Indian Law Student Association.

In 1967 and again in 1974, he was awarded the Tom Longboat Trophy as the Indian Athlete of the Year in Canada.

The Indian Hockey Council, which helps promote the sport among native people, was organized by Littlechild. An annual award is presented by the Indian Association of Alberta in the name of Willie Littlechild to six native students for outstanding contributions to their communities as well as athletic and academic excellence.

Don Macintosh, who acted as spokesperson for the inductees, expressed satisfaction with the long-standing philosophy in Physical Education and Recreation that holds that sport is part of the educational process and not a way of life. Macintosh was a talented performer on the Golden Bear basketball team which won four

consecutive Western Canadian Intercollegiate championships, the Canadian Interuniversity finals (1952) and the Canadian Senior Men's Championship (1953).

In 1952 and 1954, Macintosh's mantel contained the Wilson Challenge Trophy for he was the University's Outstanding Male Athlete.

The co-captain of Canada's basketball team at the 1956 Olympics in Melbourne was Don Macintosh.

After further study at the Universities of Washington and Oregon, he was appointed Director of the School of Physical and Health Education at Queen's University.

They can never take this away from Pal Power: he caught the first forward pass in Canadian football to result in a touchdown. Winters saw him leave the then amateur Edmonton Eskimos for the University's ice arena where he excelled as a forward and a defenceman (not on the same shift, you understand).

Power, a native of Ottawa, graduated from the University of Alberta with a BCom degree in 1928. His competitive drive, in evidence in a seniors' curling league in Victoria, has lessened only slightly.

The Wall of Fame Dinner underlines this verbiage taken from the program: "Thousands of athletes and hundreds of builders have passed through the doors of the University of Alberta and countless more will do so in the future. To be picked as one of the best from that group is truly an honor which will serve as an inspiration for generations to come." □

Bring Out Your Blades

Calling all skaters (and ex-skaters too).

The blades you and your family have outgrown are needed right now for the great skate give-away on 3 October.

This is the day when skates brought in by kind donors are loaned out to international students so that they, too, can take part (often for the first time) in the truly-Canadian winter pastime of slipping, sliding and falling down on ice.

Last year saw the first give-away—which is really a loan-away, since students return the skates when they leave Edmonton. One hundred and twenty pairs of skates were loaned out within 15 minutes—and when the boxes were empty there were still some skateless and disappointed students.

This year, Campus Recreation has set a target of 350 pairs of skates. Figure skates or hockey skates in any sizes (adult's or children's) will be gratefully received, but no speed skates can be accepted. Skates need to be in good condition though not necessarily in the latest style. They can be dropped off (with the laces tied together so that pairs stay together) in the collecting boxes outside either the Equipment Room or W-90 (basement) in the Van Vliet Physical Education and Recreation Centre. Anyone in the Edmonton area unable to make the trip may call 432-5607 for a pick up.

Some free skating lessons are also given out, and last year a few international students on borrowed skates made it into the Anklers' League Team, which Art Burgess (Athletic Services) calls "the germinal protoplasm of hockey teams." □

Dan Bachor to Visit

Dan Bachor, noted for his innovative educational intervention and remediation models in the education of exceptional students, will be a guest of the Department of Educational Psychology, 6 to 24 October.

A professor at the University of Victoria, Dr. Bachor will present a research seminar, "Evaluation of Feuerstein's Instrumental Enrichment with Mentally Handicapped Adults" on 8 October (3 p.m., 113 Education South); a luncheon session, "Mathematical Questioning - A Developmental Perspective," on 9 October (12:30 p.m., P-121 Biological Sciences Centre) and a public lecture, "Innovations in Remedial Education Methods," on 15 October (7:30 p.m., 2022 Dental Pharmacy Building). □

GFC Planning and Priorities Committee

A vacancy for a faculty member exists on the above Committee. Because GFC regulations do not permit more than one member from any one Faculty serving on PPC at a given time, nominations cannot be accepted at this time from members of the following Faculties: Engineering, Home Economics, Science, Agriculture, Arts, Medicine.

Would those who have suggestions for nominations, or who are interested in serving on the Planning and Priorities Committee, please communicate with Mrs. P. Plaskitt, 2-5 University Hall, 432-4715. Nominations should be accompanied by a brief *vita*.

FSIDA U/CSPF Deadline Closing In

Next deadline for submitting applications to the Fund for Support of International Development Activities and the University/Community Special Projects Fund is 15 October.

Late applications will not be considered by the Committees until the meeting following the next deadline of 15 January 1987.

Project proposals and requests for application forms should be directed to the Committees Secretary, Mrs. Eva M. Cherniavsky, 3-13 University Hall. □

Talks

Centre for Research in Child Development and Psychology

3 October, 9:30 a.m. Harold W. Stevenson, University of Michigan, "Mathematics Achievement in Chinese, Japanese, and American Children." CW-410 Biological Sciences Centre.

Music

3 October, 3 p.m. William Albright, "Contemporary Music, I." 2-34 Fine Arts Building.
6 October, 3 p.m. William Albright, "Contemporary Music, II." 2-34 Fine Arts Building.
7 October, 3:30 p.m. William Albright, "The Music of William Albright, III." 1-29 Fine Arts Building.
9 October, 3:30 p.m. William Albright, "The Music of William Albright, IV." 1-29 Fine Arts Building.
10 October, noon. Oboe workshop with Lawrence Cherney. 1-29 Fine Arts Building.
10 October, 3 p.m. William Albright, "Contemporary Music, III." 2-34 Fine Arts Building.
16 October, 3:30 p.m. Alfred Strombergs, "Three Early Masters of the Canadian Art Song: Charles A. Harriss, W.O. Forsyth and Clarence Lucas." 2-34 Fine Arts Building.

Comparative Literature

3 October, 3 p.m. Margaret Johnson, "Oral Reading and Emotional Responses." L-2 Humanities Centre.
8 October, 4 p.m. Itamar Even-Zohar, Tel Aviv University, "The Planning of Cultures: A Question of Semiotics." 5-20 Humanities Centre.
10 October, 3 p.m. Barbara Hilding, "Psychology of Karen Horney and the Literary Criticism of *L'Immoraliste*." L-2 Humanities Centre.

Medicine

3 October, 4 p.m. Patrick Flood, Yale University, "The Keratinocyte: A Neglected Player in the Immunological Orchestra." 8-66 Medical Sciences Building.

CITL

6 and 8 October, 2 p.m. Jennie Wilting, Mental Health Consultant, Grant MacEwan Community College, "Problem Solving." TB-W2 Tory Building.

7 October, 4 p.m. Lois Marckworth Stanford and Robyn Mott, "Improve Teaching Through Peer Consultation." 2-33 Humanities Centre.
9 October, 3 p.m. Cairine Miner, "Effective Use of Graduate Assistants and (Their?) Performance Evaluation." TB-W2 Tory Building.
15 October, 3 p.m. Art Deane, "Relating Textbook Readings to Lectures." TB-W2 Tory Building.

Nursing

6 October, 4 p.m. Marilyn Dodd, Associate Professor, Vice Chairperson, Department of Physiological Nursing, University of California, San Francisco, "Problems, Approaches and Priorities in Oncological Nursing Research." 6-101 Clinical Sciences Building. Funded by the Alberta Heritage Foundation for Medical Research.

History and Political Science

6 October, 4 p.m. Seminar on Modern and Contemporary China with a general discussion on "Mao's Legacy." 10-4 Tory Building.

Classics

7 October, 11 a.m. Reinhold Merkelbach, Professor of Classics, Cologne University, "The Consequences of Writing for Greek Civilisation." L-1 Humanities Centre.

Forest Science

8 October, noon. Joseph Niederleitner, MSc candidate, "A Methodology for Habitat Supply Analysis." 4-1 Mechanical Engineering Building.
15 October, noon. Maryhelen Posey, Vice-Chairperson, Co-ordinating Committee, Environmental Council of Alberta Steering Committee, Provincial Conservation Strategy, "Sustainable Development for Forestry: Alberta Conservation Strategy." 4-1 Mechanical Engineering Building.

Physics

8 October, 3:30 p.m. G.P. Brivio, Università degli studi di Milano, "Quantum Theory of the Sticking of an Atom on a Cold Solid." 631 Physics Building.

Women's Program and Resource Centre

8 October, 7:30 p.m. Lisa Steele, "Images of Women." L-2 Humanities Centre.
9 October, 7:30 p.m. Lisa Steele will show her video, "Positive Alternative Images of Women." L-3 Humanities Centre. Co-sponsored by Latitude 53 Gallery Video Committee and the Vice-President's Advisory Committee on Women's Studies.

Limnology and Fisheries Discussion Group

9 October, 12:30 p.m. Pat Chambers, "Light, Nutrients and the Growth of Aquatic Macrophytes." G-217 Biological Sciences Centre.
16 October, 12:30 p.m. Richard Carignan, INRS, Quebec City, "Physics of Sediment Water Interactions." G-217 Biological Sciences Centre.

Chemical Engineering

9 October, 2 and 3 p.m. Roy Leitch, Heriot-Watt University, Edinburgh, "Knowledge Based Systems in Process Engineering and Control." E346 Chemical-Mineral Engineering Building.
16 October, 3 p.m. Ronald A. Madeley, "Characterization of Ni-Mo

Hydrotreating Catalysts by X-Ray Diffraction." E342 Chemical-Mineral Engineering Building.

Canadian Mediterranean Institute

9 October, 7:30 p.m. Robert Buck, "The Embassy of Liutprand of Cremona to Constantinople." Auditorium, Provincial Museum.

Zoology

10 October, 3:30 p.m. Cas Lindsay, Department of Zoology, University of British Columbia, "Why Do Fish Have So Many Parts?" M-149 Biological Sciences Centre.
17 October, 3:30 p.m. Tom Daniel, Department of Zoology, University of Washington, "Mechanics and Energetics of Fluid Feeding in Birds and Insects: Ecological and Evolutionary Aspects." M-149 Biological Sciences Centre.

Electrical Engineering

15 October, 2:30 p.m. Paul Drake, Senior Scientist, Plasma Physics, Lawrence Livermore National Laboratory, Livermore, California, "Laser/Plasma Interaction Experiments Using Nova." E255 Civil-Electrical Engineering Building.

Botany

15 October, 4 p.m. E. Mordue, Commonwealth Mycological Institute, Kew, England, "Taxonomy of the Ustilaginales (Smut Fungi)." M-149 Biological Sciences Building.

Sports

Cross-Country

4 October, 2 p.m. Golden Bears and Pandas vs. Saskatchewan and Calgary.

Soccer

10 October, 2 p.m. Golden Bears vs. Saskatchewan.

Football

11 October, 1 p.m. Golden Bears vs. British Columbia.

The Arts

Ring House Gallery

Until 12 October. "Contemplative Scenes, the Landscapes of Ozias Leduc."

Bruce Peel Special Collections Library

Exhibitions on view: "The English Civil War and Interregnum: 1642-1660" and "L'histoire du Costumie Féminin Français de l'an 1037 à l'an 1870."

Théâtre Français d'Edmonton

10, 11, 17 18 October, 8 p.m. and 19 October, 3 p.m. "Le Piqueur de Sycomores" and "Coupez/Cut."

Music

All events take place in Convocation Hall.

4 October, 8 p.m. Encounters Series—faculty, students and friends present Indian Music and works by Lassus, Weber and Hindemith.
8 October, 8 p.m. Contemporary Music—William Albright, harpsichord, organ and piano.

9 October, 8 p.m. Lillian Upright, piano.
14 October, 8 p.m. Dan Sutherland, clarinet.
17 October, noon. Ingrid Atrott, soprano, assisted by Che Anne Loewen, piano (E-Gré Competition Winner).

Edmonton Chamber Music Society

15 October, 8 p.m. The Tokyo String Quartet. Single admissions available at the door for this concert only. SUB Theatre.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Chairmanship, Department of Physical Education and Sport Studies

The Faculty of Physical Education and Recreation invites applications for the position of Chairman of the Department of Physical Education and Sport Studies. The Department offers a Bachelor of Physical Education Degree as well as programs leading to the MA, MSc and PhD. Specific responsibilities include: (1) leadership in undergraduate and graduate program development; (2) teaching at the undergraduate and/or graduate level; (3) development and/or maintenance of an active research program.

Qualified candidates should have some background in administration and teaching as well as a demonstrated commitment to research. The position is available 1 January 1987.

The closing date for all applications is 31 October 1986. Send *curriculum vitae* and the names of three references to Dr. R. Gerald Glassford, Dean, Faculty of Physical Education and Recreation, University of Alberta, W1-34 Van Vliet Centre, Edmonton, Alberta, T6G 2H9.

Student Housing Officer, Housing and Food Services

The University of Alberta operates one of the largest residence programs in Canada—3,500 students living in six residence complexes. We believe that living in residence contributes to students' personal, social and academic development and well-being, and we have a strong commitment to providing student services.

We are seeking an experienced, innovative and team-oriented person to manage all aspects of student housing. The Student Housing Officer is responsible for ensuring that all of the residences are fully occupied, that leases and contracts are updated and signed, that residence related programs are developed and offered to students and that residence issues are addressed and problems solved. Our Accommodations, Residence Security and Residence Assistant staff report to the incumbent who also functions as a member of our department's senior management team.

To be considered for this position, you must have a university degree (graduate degree preferred) in a related discipline such as teaching and/or community development and programming. Above average communications skills and related experience at a senior level are required.

The salary range for this position is \$30,454 to \$45,682 per annum (currently under review) commensurate with experience. The University also offers a comprehensive benefits package.

Please apply by comprehensive résumé to: The Director, Housing and Food Services, 44 Lister Hall, University of Alberta, Edmonton, Alberta T6G 2H6.

Programmer/Analyst, Department of Pediatrics

A Programmer/Analyst is required primarily to assist in medical research projects. This position involves cleaning and editing data, mainly using packages such as SPSSX and SAS. Some statistical analysis background is also required

along with the ability to interpret results. An added background of assisting people to use small computers such as MacIntosh and IBM in linkage with the Amdahl would also be an asset. Please reply in writing to Dr. M. Grace, Department of Medicine, 9-115 Clinical Sciences Building, University of Alberta.

Research Assistant, Department of Pediatrics

A Research Assistant is being sought on a full-time basis to participate in research programs involving data collection, literature reviews, report writing and the conduct of research studies. This individual would have primary responsibility for the day-to-day

activities working independently while participating as part of a research team. A master's level background or extensive experience is required and any background in health care would be an asset. Please reply in writing to Dr. M. Grace, Department of Medicine, 9-115 Clinical Sciences Building, University of Alberta.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond the date of publication.

Clerk Typist II, Romance Languages, (\$1,226-\$1,522)
Clerk Typist II (Part-time), Medical Lab Science, (\$858-\$1,065)
Clerk Steno III (Half-time), Surgery, (\$683-\$858)
Administrative Clerk (Community Development Coordinator), Housing and Food Services, (\$1,522-\$1,945)
Secretary, Office of the Vice-President (Academic), (\$1,522-\$1,945)
Secretary (Trust), Electrical Engineering, (\$1,522-\$1,945)

Technician I (Part-time/Term), Entomology, (\$1,580-\$2,027)
Biochemistry Technician II (Trust), Biochemistry, (\$1,791-\$2,304)
Technician II, Art and Design, (\$1,791-\$2,304)
Technician II/Technologist I (Trust), Medicine (Nutrition and Metabolism), (\$1,791-\$2,304)
Technician II/Technologist I (Trust), Pediatrics, (\$1,791-\$2,304)
Technologist I (Trust), Dentistry, (\$1,945-\$2,510)
Technologist I (Physiology), Entomology, (\$1,945-\$2,510)
Technologist I (Trust), Pathology, (\$1,945-\$2,510)
Programmer Analyst I/II (Term), Office of Administrative Systems, (\$1,945-\$2,992)
Technologist II (Trust), Obstetrics and Gynaecology, (\$2,115-\$2,741)
Machinist Technician III, Electrical Engineering, (\$2,304-\$2,992)
Machinist Technician III, Chemistry, (\$2,304-\$2,992)
Machinist Technician III, Technical Services, (\$2,304-\$2,992)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Christmas in Spain

Only a few seats left on a fourteen-day tour of Spain!

Departing December 20 from Edmonton to Madrid, Toledo, El Escorial, Segovia, Seville (includes a Flamenco Evening), Cordoba,

Granada, Tangiers (Africa). Rhonda, and Torremolinos (Costa del Sol)
\$1,885.00 includes everything but some lunches and spending money
Call 463-1962

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Advertisements

Accommodations available

Rent - One-bedroom, furnished condominium, one block campus, to August 1987. 455-9505.
Sale - Quality, three-bedroom, open-beam, bungalow, 2 1/2 baths, developed basement, excellent location in Landsdowne. \$115,000. 434-2103 evenings.
Sale - Windsor Park. 1,750 sq. ft. bungalow. Bright and sunny. Large windows, big kitchen, beautiful hardwood floors, jacuzzi in master, newly decorated. Ian Beattie, ReMax Real Estate, 438-1575.
Sale - Special, one-acre lots. \$39,750 up. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale - Laurier Drive bungalow with view. Clean and cozy. For details call Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale - Grandview. 2,400'. Ideal for family. Super for entertaining. If quality counts, call Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale - University home or revenue. Two blocks to campus. Fully developed bungalow with five bedrooms. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale - 160-acre hide-away for \$25,900. Treed and close to good fishing. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale - Windsor Park. \$139,000. Excellent University. Quality bungalow with large kitchen. Two fireplaces. Huge landscaped yard. Chris Tenove, 433-5664, 436-5250. Spencer Realtor.
Sale or rent - Belgravia. Spacious, three-bedroom bungalow. Deanne Work, 432-2692 or 437-2660 res.

Accommodations wanted

Tired of winter commuting! University employee will house-sit from November-spring. Cora, 432-2325, 963-6024 evenings.

Goods for sale

New typewriters: Royal electric \$189, Royal and Brother electronics

\$320-\$625, IBM electronics \$1,185-\$1,920, great features (computer interface). Used typewriters: IBM Selectric II's, etc. Mark 9, HUB Mall, 432-7936.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay for book collections and individual rare items. Appraisals available. Open seven days a week. 433-1781.

Services

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therapy at Back-Basics (supplementary health care reimburses treatment costs). Maria Krieg is a spine specialist, university-trained in Düsseldorf. 11610 75 Avenue. 436-8059.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Lahon Word Processing, professional typing service, proof read. Reports, theses, books. Lois McMahon, 464-2351.

Word processing service, open every day and weekday evenings, five-cent photocopy sale. Rent correcting, electronic typewriter (hourly, daily, weekly). Emergency typing course, \$25. Mark 9, HUB Mall. 432-7936.

Freelance illustrator/graphic artist. Illustrations, diagrams, maps, layouts, paste-up. Call Wendy Kershaw, 476-2871.

Happy Face Nursery School (123 St. 103 Ave.) has openings for 2-3 year olds. Call registrar Anne, 452-0233.

Professional seamstress. Tailor, made-to-order garments. Wardrobe

planning, alterations. Bridesmaid, wedding dresses. Western wear. 469-6292.

Scandinavian Folkdance workshop: 25-26 October with Martti Vanhapelto, Finnish instructor. Both beginners and experienced dancers welcome. For details phone 439-2980 or 487-5947.

E.T. Seamstress & Tailors. 11904 127 Ave. General alterations specialist. Phone 451-0087. (We have the technology).

D'Angelo Catering is now booking for the fall and Christmas season. Personal service and exceptional cuisine. Phone 478-4143 for consultation and estimate.

Keep Fit Yoga. Fitness, relaxation. Wednesdays, eight weeks. \$15. Registration and class: 8 October, Room 9, Floor 14, Tory Building, 5 p.m. Information: Carol, 471-2989 evenings.

The University/Community Children's Drama Project has a few spaces left in classes commencing this week for children aged 6-8 and 9-11 years. Call Mrs. Kozub, 432-0430, for information.

EVENING YOGA

Beginners and Intermediates
Tuesday and Thursday
1930 - 2130 hours

Starts 14 Oct. Ends 4 Dec.

Instructor: Joseph Rempel
15 lessons

Fee: \$59 Staff \$47 Students

Campus Recreation 432-5607

Campus Fitness and Lifestyle

Supplementary Courses

Starting in the Week of October 13

Fitness — East Campus Aerobics

Mon & Thurs 1700-1800 Ends 3 December

Beginner - Intermediate Level

Garneau School, 87th Avenue & 109 Street

Instructor: Sherrill Rutherford

Fee for 15 classes: \$32 Staff, \$25 Students

(Bargain fee, no showers)

Good Parking

— Aerobic Exercise

Beginner - Intermediate Level

Tues & Thurs 1100-1200

Ends 4 December

Pavilion Infield

Instructor: Sandy Houston

Fee for 15 classes: \$42 Staff, \$33 Students

— Aerobic Exercise

Beginner - Intermediate Level

Tues & Thurs 1210-1250

Ends 4 December

Instructor: Arlyn Brody

Room W-07 Phys. Ed. Bldg.

Fee for 15 classes: \$42 Staff, \$33 Students

Yoga — Evening Yoga

Beginner and Intermediate Level

Tues & Thurs 1930-2130

Ends 4 December

Instructor: Joseph Rempel

Room W1-17 Phys. Ed. Bldg.

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Salon 4

Sat., Oct. 4th, Sun., Oct. 5th

10 a.m. - 10 p.m.

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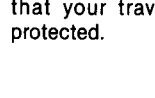
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Personnel Services and Staff Relations

Training

Course	Date	Place	Time
Stress Management <i>"Hey, relax."</i> <ul style="list-style-type: none">● how to identify your stress factors● techniques and practices to overcome stress	Oct. 24 Nov. 14	Lister Hall VIP Room VIP Room	9 - 4
Writing for Results <i>"Last year's most popular course. The effects are immediate and the skill is indispensable."</i> <ul style="list-style-type: none">● learn to know what you want to say● learn to know why you want to say it● techniques for effective organization that gives your message impact● how to reach your audience● how to save your time and your reader's time● how to get results	Nov. 4, 5	Lister Hall VIP Room	9 - 4
Selection Interviewing <i>"Hiring is an important, expensive decision. Don't leave it to gut feel or 'the cut of their jib', or any other of those managerial rabbits' feet."</i> <i>Learn:</i> <ul style="list-style-type: none">● how to prepare for the interview● how to design a tailor-made interview● how to control the interview● how to use questioning techniques to get the information you need● how to evaluate the candidates	Oct. 20	Lister Hall VIP Room	9 - 4
Time Management <i>"If you don't have time for this course, you really need it."</i> <ul style="list-style-type: none">● how to establish your priorities● organizing your tasks through better scheduling● deflecting interruptions● controlling the telephone● controlling paperwork	Nov. 25 Nov. 25 (note ½ day course)	Lister Hall VIP Room Lister Hall	9 - 12 1 - 4

The Following Course is for Secretarial/Clerical Staff Only

The Effective Office Worker <ul style="list-style-type: none">● understanding your work environment● differences in perspectives between managers and employees● coping with office politics● the right attitude: expectations that influence job satisfaction● achieving recognition● discovering what motivates you <ul style="list-style-type: none">● Available only to U of A Staff● Free registration — call 4660	Dec. 4, 5	Lister Hall VIP Room	9 - 4
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